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CENTRAL INTELLIGENCE AGENCY

INFORMATION REPORT

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COUNTRY East Germany

SUBJECT Development of a Bolometer at Zeiss, Jena

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THIS IS UNEVALUATED INFORMATION

1. In August 1953 one model of a bolometer was completed in the Measurement Laboratory (Messlabor) of VEB Carl Zeiss, Jena, under the direction of Dr. Iglo. The instrument operates within the range from 2.5 to 40 microns. Other radiation receivers should be used within the range from 2.5 to 10 microns, since the bolometer functions well only in the range from 10 to 40 microns. The instrument does not have to be used in conjunction with a measurement device, because it is equipped to make indications itself.

2. When the first model was completed, it was sent to the laboratory of Dr. Graulich (fnu) in the Leuna plant for testing. Results of the tests are not yet known.

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